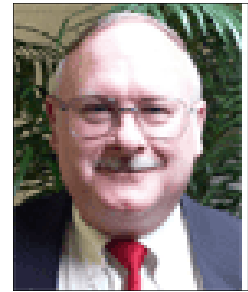




Waste Management Committee

Emile Bernard, Chair
Ed Burke, Co-Vice Chair
Stan Howard, Co-Vice Chair



This Committee reviews the treatment, storage and disposal of various waste streams, including transuranic waste (TRU), low-level waste (LLW), mixed low-level waste (MLLW) and radioactive liquid waste (LW). Their goal is to see a reduction in high risk to the public, workers, and the environment. Two other important goals of the committee are to facilitate an effective and mutually cooperative working environment between the DOE/SRS and the respective state regulatory agencies and influence DOE to pursue a more integrated and comprehensive systems approach in its decision making process to include all risks, costs, and safety concerns associated with the various options involved with the decisions affecting SRS waste management and disposition. Topics under consideration for the Waste Management (WM) Committee in 2011 include:

Solid Waste

I. Transuranic (TRU) Waste Project Update

- TRU Drum Shipments
- TRU Waste Removal from Storage PAD 1
- Large Box Assay and Removal
- Low-Level/Mixed Low-Level/Hazardous Waste Disposition
 - Greater than Class C Waste (approved for addition to work plan by Hintze; March 3, 2011)
- Other Solid Waste Repositories, e.g. Clive etc (Commercial)

II. Liquid Waste

- SWPF Support Project
 - Return to Service (RTS) Projects
 - Tank Preparation and Upgrade Projects to meet Salt Waste Process (SWP) needs
 - Tank 13 Infrastructure Upgrades
 - Other Tank Farm Infrastructure Modifications

III. Tank Closure

- Tanks 18 and 19 Closure Module and Schedule for Final Approval
- Tanks 5 and 6 Project
- H Area Tank Farm (HTF) Performance Assessment Regulatory Approvals-SCDHEC, EPA, and NRC
- F Area Tank Farm (HTF) Performance Assessment Regulatory Approvals-SCDHEC, EPA, and NRC
- Waste Determinations (3116)
- Tank Annulus Cleaning
- Tank Space Management (Fill Levels)
- Waste Determinations (3116)
- Enhanced Chemical Cleaning-Design and Testing of Cleaning Units
- Chemical Addition Infrastructure-Automated Transfer of Chemicals to Tanks
- Plans for Accelerated Tank Closures and Schedule Integration-Gear Chart

IV. Defense Waste Processing Facility Operations (DWPF)

- Update on Process Improvements to Achieve Higher Production Rates
- Impacts of Accelerated use/operations/Budget

V. Upgrades-Melter Bubbler Performance

VI. Long-Term Storage Needs-Canisters

- Excess Plutonium Disposition

VII. Salt Waste Processing

- Facility

VIII. Progress and schedule

IX. Saltstone Processing and Disposal Facility

X. Process improvements to increase throughput

- Technology Development

IX. Actinide Removal Process (ARP) /Modular Caustic Side Solvent Extraction Unit (MCU)-Improved Solvents

X. Rotary Microfiltration (RMF) and Small Column Ion Exchange (SCIX)

XI. Saltstone Enhancements

XII. Miscellaneous

- NM and Other Waste Stream Generated by H-Canyon Operations
- System Planning Updates/Critical Path Updates
- SRNL Support of the Liquid Waste Program
- Updates on the Blue Ribbon Commission's Studies and Recommendations

